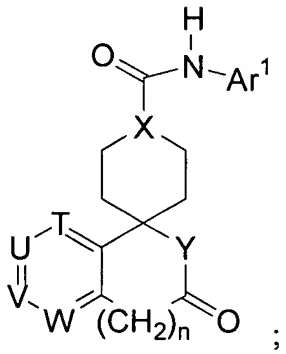
IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

56. (previously presented) A composition comprising

(a) a NPY5 antagonist of formula I:



;

(I)

and pharmaceutically acceptable salts and esters thereof, wherein

Ar^1 is selected from the group consisting of:

(1) aryl, and

(2) heteroaryl,

wherein the aryl and heteroaryl groups are unsubstituted or optionally substituted with a substituent selected from the group consisting of:

(a) halogen,

(b) nitro,

(c) lower alkyl,

(d) halo(lower)alkyl,

(e) hydroxy(lower)alkyl,

(f) cyclo(lower)alkyl,

(g) lower alkenyl,

(h) lower alkoxy,

(i) halo(lower)alkoxy,

(j) lower alkylthio,

(k) carboxyl,

(l) lower alkanoyl,

(m) lower alkoxycarbonyl,

(n) lower alkylene optionally substituted with oxo, and

(o) -Q-Ar^2;

Ar^2 is selected from the group consisting of

(1) aryl, and

(2) heteroaryl,

wherein aryl and heteroaryl are unsubstituted or optionally substituted with a substituent selected from the group consisting of:

(a) halogen,

(b) cyano,

(c) lower alkyl,

(d) halo(lower)alkyl,

(e) hydroxy(lower)alkyl,

(f) hydroxy,

(g) lower alkoxy,

(h) halo(lower)alkoxy,

(i) lower alkylamino,

(j) di-lower alkylamino,

(k) lower alkanoyl, and

(l) aryl;

n is 0 or 1;

Q is selected from the group consisting of a single bond or carbonyl;

T, U, V and W are each independently selected from the group consisting of

(1) nitrogen, and

(2) methine,

wherein the methine group is unsubstituted or optionally substituted with a substituent selected from the group consisting of

(a) halogen,

(b) lower alkyl,

(c) hydroxy, and

(d) lower alkoxy, and

wherein at least two of T, U, V, and W are methine;

X is selected from the group consisting of

(1) nitrogen, and

(2) methine; and

Y is selected from the group consisting of

(1) imino, unsubstituted or optionally substituted with lower alkyl, and

(2) oxygen; and

(b) an anti-obesity agent selected from the group consisting of: a NPY1 antagonist, or a pharmaceutically acceptable salt or ester thereof.

57. (previously presented) The composition of Claim 56 wherein the NPY1 antagonist is selected from the group consisting of: J-115,814, or a pharmaceutically acceptable salt or ester thereof.

58. (previously presented) The composition of Claim 56 wherein the NPY5 antagonist is selected from the group consisting of

(1) 3-oxo-N-(5-phenyl-2-pyrazinyl)-spiro[isobenzofuran-1(3H),4'-piperidine]-1'-carboxamide;

(2) 3-oxo-N-(7-trifluoromethylpyrido[3,2-b]pyridin-2-yl)spiro-[isobenzofuran-1(3H),4'-piperidine]-1'-carboxamide;

(3) N-[5-(3-fluorophenyl)-2-pyrimidinyl]-3-oxospiro-[isobenzofuran-1(3H),4'-piperidine]-1'-carboxamide;

(4) trans-3'-oxo-N-(5-phenyl-2-pyrimidinyl)spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide;

(5) trans-3'-oxo-N-[1-(3-quinolyl)-4-imidazolyl]spiro[cyclohexane-1,1'(3'H)-isobenzofuran]-4-carboxamide;

(6) trans-3-oxo-N-(5-phenyl-2-pyrazinyl)spiro[4-azaiso-benzofuran- 1(3H),1'-cyclohexane]-4'-carboxamide;

(7) trans-N-[5-(3-fluorophenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide;

(8) trans-N-[5-(2-fluorophenyl)-2-pyrimidinyl]-3-oxospiro[5-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide;

(9) trans-N-[1-(3,5-difluorophenyl)-4-imidazolyl]-3-oxospiro[7-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide;

(10) trans-3-oxo-N-(1-phenyl-4-pyrazolyl)spiro[4-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide;

(11) trans-N-[1-(2-fluorophenyl)-3-pyrazolyl]-3-oxospiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide;

(12) trans-3-oxo-N-(1-phenyl-3-pyrazolyl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide; and

(13) trans-3-oxo-N-(2-phenyl-1,2,3-triazol-4-yl)spiro[6-azaisobenzofuran-1(3H),1'-cyclohexane]-4'-carboxamide;

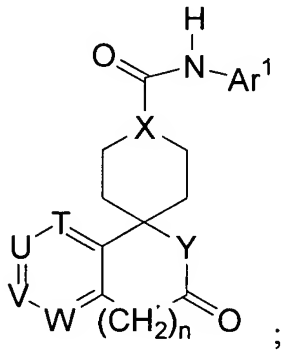
and pharmaceutically acceptable salts and esters thereof.

59. (previously presented) The composition of Claim 58 wherein the NPY5 antagonist is selected from the group consisting of: 3-oxo-N-(5-phenyl-2-pyrazinyl)-spiro[isobenzofuran-1(3H),4'-piperidine]-1'-carboxamide, or a pharmaceutically acceptable salt or ester thereof.

60. (previously presented) A composition according to Claim 1 further comprising a pharmaceutically acceptable carrier.

61. (withdrawn) A method of preventing obesity in a subject at risk for obesity comprising administration to said subject

(a) a prophylactically effective amount of a NPY5 antagonist of Formula I:



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(I)

and pharmaceutically acceptable salts and esters thereof, wherein

Ar1 is selected from the group consisting of:

(1) aryl, and

(2) heteroaryl,

wherein the aryl and heteroaryl groups are unsubstituted or optionally substituted with a substituent selected from the group consisting of:

(a) halogen,
(b) nitro,
(c) lower alkyl,
(d) halo(lower)alkyl,
(e) hydroxy(lower)alkyl,
(f) cyclo(lower)alkyl,
(g) lower alkenyl,
(h) lower alkoxy,
(i) halo(lower)alkoxy,
(j) lower alkylthio,
(k) carboxyl,
(l) lower alkanoyl,
(m) lower alkoxycarbonyl,
(n) lower alkylene optionally substituted with oxo, and
(o) -Q-Ar^2;

Ar^2 is selected from the group consisting of

(1) aryl, and
(2) heteroaryl,

wherein aryl and heteroaryl are unsubstituted or optionally substituted with a substituent selected from the group consisting of:

(a) halogen,
(b) cyano,
(c) lower alkyl,
(d) halo(lower)alkyl,
(e) hydroxy(lower)alkyl,
(f) hydroxy,
(g) lower alkoxy,
(h) halo(lower)alkoxy,
(i) lower alkylamino,
(j) di-lower alkylamino,
(k) lower alkanoyl, and
(l) aryl;

n is 0 or 1;

Q is selected from the group consisting of a single bond or carbonyl;

T, U, V and W are each independently selected from the group consisting of

(1) nitrogen, and

(2) methine,

wherein the methine group is unsubstituted or optionally substituted with a substituent selected from the group consisting of

(a) halogen,

(b) lower alkyl,

(c) hydroxy, and

(d) lower alkoxy, and

wherein at least two of T, U, V, and W are methine;

X is selected from the group consisting of

(1) nitrogen, and

(2) methine; and

Y is selected from the group consisting of

(1) imino, unsubstituted or optionally substituted with lower alkyl, and

(2) oxygen; and

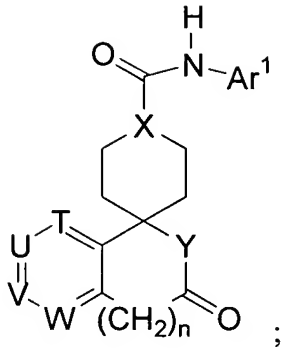
(b) a prophylactically effective amount of an anti-obesity agent selected from the group consisting of: a NPY1 antagonist, or a pharmaceutically acceptable salt or ester thereof.

62. (withdrawn) The method of Claim 61 wherein the NPY1 antagonist is selected from the group consisting of: J-115,814, or a pharmaceutically acceptable salt or ester thereof.

63. (withdrawn) The method of Claim 61 wherein the NPY5 antagonist is selected from the group consisting of: 3-oxo-N-(5-phenyl-2-pyrazinyl)-spiro[isobenzofuran-1(3H),4'-piperidine]-1'-carboxamide, or a pharmaceutically acceptable salt or ester thereof.

64. (withdrawn) A method of treating a subject having a disorder associated with excessive food intake comprising administration of

(a) a therapeutically effective amount of a NPY5 antagonist of Formula I:



(I)

and pharmaceutically acceptable salts and esters thereof, wherein

Ar^1 is selected from the group consisting of:

(1) aryl, and

(2) heteroaryl,

wherein the aryl and heteroaryl groups are unsubstituted or optionally substituted with a substituent selected from the group consisting of:

(a) halogen,

(b) nitro,

(c) lower alkyl,

(d) halo(lower)alkyl,

(e) hydroxy(lower)alkyl,

(f) cyclo(lower)alkyl,

(g) lower alkenyl,

(h) lower alkoxy,

(i) halo(lower)alkoxy,

(j) lower alkylthio,

(k) carboxyl,

(l) lower alkanoyl,

(m) lower alkoxycarbonyl,

(n) lower alkylene optionally substituted with oxo, and

(o) -Q-Ar^2;

Ar^2 is selected from the group consisting of

(1) aryl, and

(2) heteroaryl,

wherein aryl and heteroaryl are unsubstituted or optionally substituted with a substituent selected from the group consisting of:

(a) halogen,
(b) cyano,
(c) lower alkyl,
(d) halo(lower)alkyl,
(e) hydroxy(lower)alkyl,
(f) hydroxy,
(g) lower alkoxy,
(h) halo(lower)alkoxy,
(i) lower alkylamino,
(j) di-lower alkylamino,
(k) lower alkanoyl, and
(l) aryl;

n is 0 or 1;

Q is selected from the group consisting of a single bond or carbonyl;

T, U, V and W are each independently selected from the group consisting of

(1) nitrogen, and
(2) methine,

wherein the methine group is unsubstituted or optionally substituted with a substituent selected from the group consisting of

(a) halogen,
(b) lower alkyl,
(c) hydroxy, and
(d) lower alkoxy, and

wherein at least two of T, U, V, and W are methine;

X is selected from the group consisting of

(1) nitrogen, and
(2) methine; and

Y is selected from the group consisting of

(1) imino, unsubstituted or optionally substituted with lower alkyl, and
(2) oxygen; and

(b) a therapeutically effective amount of an anti-obesity agent selected from the group consisting of: a NPY1 antagonist, or a pharmaceutically acceptable salt or ester thereof, to a subject in need of such treatment.

65. (withdrawn) The method of Claim 64 wherein the NPY1 antagonist is selected from the group consisting of: J-115,814, or a pharmaceutically acceptable salt or ester thereof.

66. (withdrawn) The method of Claim 64 wherein the NPY5 antagonist is selected from the group consisting of: 3-oxo-N-(5-phenyl-2-pyrazinyl)-spiro[isobenzofuran-1(3H),4'-piperidine]-1'-carboxamide, or a pharmaceutically acceptable salt or ester thereof.

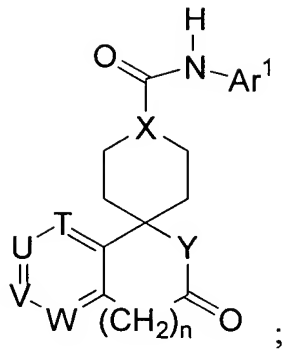
67. (withdrawn) The method according to Claim 64 wherein the disorder associated with excessive food intake is selected from obesity and an obesity-related disorder.

68. (withdrawn) The method according to Claim 67 wherein the obesity-related disorder is selected from: overeating; bulimia; hypertension; diabetes, elevated plasma insulin concentrations; insulin resistance; dyslipidemia; hyperlipidemia; endometrial, breast, prostate and colon cancer; osteoarthritis; obstructive sleep apnea; cholelithiasis; gallstones; coronary heart disease; abnormal heart rhythms; heart arrythmias; myocardial infarction; polycystic ovarian disease; craniopharyngioma; the Prader-Willi Syndrome; Frohlich's syndrome; GH-deficient subjects; normal variant short stature; Turner's syndrome; and acute lymphoblastic leukemia.

69. (withdrawn) The method according to Claim 67 wherein the obesity-related disorder is diabetes.

70. (withdrawn) A method of maintaining weight loss in a subject comprising administration of

(a) a therapeutically effective amount of a NPY5 antagonist of Formula I:



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(I)

and pharmaceutically acceptable salts and esters thereof, wherein

Ar^1 is selected from the group consisting of:

(1) aryl, and

(2) heteroaryl,

wherein the aryl and heteroaryl groups are unsubstituted or optionally substituted with a substituent selected from the group consisting of:

(a) halogen,

(b) nitro,

(c) lower alkyl,

(d) halo(lower)alkyl,

(e) hydroxy(lower)alkyl,

(f) cyclo(lower)alkyl,

(g) lower alkenyl,

(h) lower alkoxy,

(i) halo(lower)alkoxy,

(j) lower alkylthio,

(k) carboxyl,

(l) lower alkanoyl,

(m) lower alkoxycarbonyl,

(n) lower alkylene optionally substituted with oxo, and

(o) -Q-Ar^2;

Ar^2 is selected from the group consisting of

(1) aryl, and

(2) heteroaryl,

wherein aryl and heteroaryl are unsubstituted or optionally substituted with a substituent selected from the group consisting of:

(a) halogen,
(b) cyano,
(c) lower alkyl,
(d) halo(lower)alkyl,
(e) hydroxy(lower)alkyl,
(f) hydroxy,
(g) lower alkoxy,
(h) halo(lower)alkoxy,
(i) lower alkylamino,
(j) di-lower alkylamino,
(k) lower alkanoyl, and
(l) aryl;

n is 0 or 1;

Q is selected from the group consisting of a single bond or carbonyl;

T, U, V and W are each independently selected from the group consisting of

(1) nitrogen, and
(2) methine,

wherein the methine group is unsubstituted or optionally substituted with a substituent selected from the group consisting of

(a) halogen,
(b) lower alkyl,
(c) hydroxy, and
(d) lower alkoxy, and

wherein at least two of T, U, V, and W are methine;

X is selected from the group consisting of

(1) nitrogen, and
(2) methine; and

Y is selected from the group consisting of

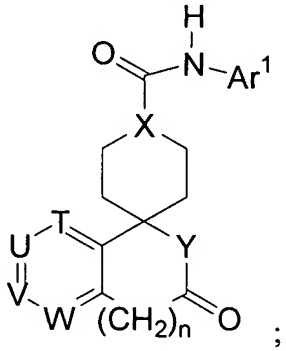
(1) imino, unsubstituted or optionally substituted with lower alkyl, and
(2) oxygen; and

(b) a therapeutically effective amount of an anti-obesity agent selected from the group consisting of: a NPY1 antagonist, or a pharmaceutically acceptable salt or ester thereof, to a subject in need of such treatment.

71. (withdrawn) The method of Claim 70 wherein the NPY1 antagonist is selected from the group consisting of: J-115,814, or a pharmaceutically acceptable salt or ester thereof.

72. (withdrawn) The method of Claim 71 wherein the NPY5 antagonist is selected from the group consisting of: 3-oxo-N-(5-phenyl-2-pyrazinyl)-spiro[isobenzofuran-1(3H),4'-piperidine]-1'-carboxamide, or a pharmaceutically acceptable salt or ester thereof.

73. (previously presented) A kit comprising at least one unit dosage of a prophylactically or therapeutically effective amount of a NPY5 antagonist of Formula I:



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(I)

and pharmaceutically acceptable salts and esters thereof, and at least one unit dosage of a prophylactically or therapeutically effective amount of a NPY1 antagonist, or a pharmaceutically acceptable salt or ester thereof.